

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A calendar corrector intended to fit in a movement of a timepiece equipped with a calendar-display ~~means (12)~~ and with a thirty-one wheel (10) that makes one revolution in thirty-one days, ~~characterized in that it comprises the~~ calendar corrector comprising:

[[-]] a manual control ~~means (18, 19)~~ allowing information relating to the fact that the month in progress comprises fewer than thirty-one days to be input, and

[[-]] programming means comprising a clutch runner (15) equipped with two coaxial toothed disks, ~~namely including~~ including a first disk (16) that can be rotationally driven in a first direction by ~~said the~~ the thirty-one wheel (10) and a second disk (17) that can be rotationally driven in a second direction, [[the]] opposite to the first direction, by ~~said the~~ control ~~means~~, so that, at the end of ~~said the~~ the month in progress, ~~said the~~ the display ~~means~~ are is automatically corrected.

2. (Currently Amended) A calendar corrector intended to fit in a movement of a timepiece equipped with a calendar-display ~~means (12)~~ and with a thirty-one wheel (10) that makes one revolution in thirty-one days, ~~characterized in that it comprises the~~ calendar corrector comprising:

[[-]] an automatic control ~~means (40, 41, 42, 43, 44, 45)~~ which, during each month comprising fewer than thirty-one days, ~~produce~~ produces information relating to the correction that will have to be made at the end of ~~said the~~ the month, and

[[-]] programming means comprising a clutch runner (45) equipped with two coaxial toothed disks, ~~namely~~ including a first disk (46) that can be rotationally driven in a first direction by ~~said the~~ thirty-one wheel (40) and a second disk (47) that can be rotationally driven in a second direction, ~~[[the]]~~ opposite to the first direction, by ~~said the~~ control means, so that, at the end of ~~said the~~ month in progress, ~~said the~~ display means ~~are~~ is automatically corrected.

3. (Currently Amended) The calendar corrector ~~as claimed in one of~~ claims claim 1 and 2, ~~characterized in that said~~ wherein the disks (46, 47) are coupled together by a spring and by a system of pawls which are arranged in such a way that:

[[•]] the first disk (46) rotates in the first direction independently of the second disk (47),

[[•]] the second disk (47) drives the first disk (46) when it rotates in the first direction,

[[•]] the second disk (47) does not drive the first disk (46) when it rotates in the second direction, at ~~that a~~ a time merely loading ~~said the~~ spring,

and in that the programming means further ~~comprise~~ comprises:

[[-]] a finger (44) fixed to the thirty-one wheel (40),

[[-]] a first lever (22) pivotably mounted on the second disk (47) and that can be actuated by ~~said the~~ finger (44) on the last day of the month, and

[[-]] a second lever (25) mounted independent of the clutch runner (45), that can be actuated by the first lever (22) when the latter is moved by the finger (44), immobilizing the second disk (47) and releasing it when actuated in such a way that,

subjected to the action of ~~said~~ the spring, the first disk (46) progresses rapidly in order to correct the calendar display.

4. (Currently Amended) The calendar corrector ~~as claimed in~~ of claim 3, ~~characterized in that~~ wherein the first lever (22) is pivotably mounted on one face of the second disk (47) and comprises two arms (22a, 22b), the first facing toward the inside and the second toward the outside of the disk, the outer arm (22b) being held pressed against a stop (24) positioned at the periphery of the disk (47), while its end lies flush with the edge of the disk.

5. (Currently Amended) The calendar corrector ~~as claimed in~~ of claim 3, ~~characterized in that~~ wherein the second lever (25) comprises:

[[-]] a first arm (25a) positioned at the second disk (47) and ending in a lug (27) that a jumper (30) presses against the toothset of ~~said~~ the disk so as to prevent it from rotating in the first direction, and

[[-]] a second arm (25b) arranged on the second disk (47) and provided with a shoulder (28) designed in such a way as to take the thrust of the inner arm (22a) of ~~said~~ the first lever (22) and ending in a boss (29) intended to experience the action of a safety block (34) riveted to one face of the second disk (47) when the latter pivots in the second direction.

6.-10. (Cancelled).

11. (New) The calendar corrector of claim 3, wherein the manual control comprises a push-button accessible to the wearer of the timepiece and arranged in such a way that pressing it causes the second disk to move on by one step.

12. (New) The calendar corrector of claim 4, wherein the manual control comprises a push-button accessible to the wearer of the timepiece and arranged in such a way that pressing it causes the second disk to move on by one step.

13. (New) The calendar corrector of claim 5, wherein the manual control comprises a push-button accessible to the wearer of the timepiece and arranged in such a way that pressing it causes the second disk to move on by one step.

14. (New) The calendar corrector of claim 3, further comprising an indicator system collaborating with the second disk of the clutch runner in order to display the number of days in the month in progress for which correction is programmed.

15. (New) The calendar corrector of claim 4, further comprising an indicator system collaborating with the second disk of the clutch runner in order to display the number of days in the month in progress for which correction is programmed.

16. (New) The calendar corrector of claim 5, further comprising an indicator system collaborating with the second disk of the clutch runner in order to display the number of days in the month in progress for which correction is programmed.

17. (New) The calendar corrector of claims 5, wherein the end of the first arm of the second lever exhibits a boss and the second disk of the clutch runner is provided with a block intended to push the boss when the disk rotates excessively, so as to cause the lever to pivot and allow the spring to return to its rest position

18. (New) The calendar corrector of claim 2, wherein the disks are coupled together by a spring and by a system of pawls which are arranged in such a way that:
the first disk rotates in the first direction independently of the second disk,
the second disk drives the first disk when it rotates in the first direction,
the second disk does not drive the first disk when it rotates in the second direction, at a time merely loading the spring,

and in that the programming means further comprises:

a finger fixed to the thirty-one wheel,

a first lever pivotably mounted on the second disk and that can be actuated by the finger on the last day of the month, and

a second lever mounted independent of the clutch runner, that can be actuated by the first lever when the latter is moved by the finger, immobilizing the second disk and releasing it when actuated in such a way that, subjected to the action of the spring, the first disk progresses rapidly in order to correct the calendar display.

19. (New) The calendar corrector of claim 18, wherein the first lever is pivotably mounted on one face of the second disk and comprises two arms, the first facing toward the inside and the second toward the outside of the disk, the outer arm being held

pressed against a stop positioned at the periphery of the disk, while its end lies flush with the edge of the disk.

20. (New) The calendar corrector of claim 18, wherein the second lever comprises:

a first arm positioned at the second disk and ending in a lug that a jumper presses against the toothset of the disk so as to prevent it from rotating in the first direction, and

a second arm arranged on the second disk and provided with a shoulder designed in such a way as to take the thrust of the inner arm of the first lever and ending in a boss intended to experience the action of a safety block riveted to one face of the second disk when the latter pivots in the second direction.

21. (New) The calendar corrector of claim 18, wherein the automatic control comprises:

a months wheel divided into sectors each corresponding to one month of the year, the sectors being either devoid of teeth if they are identified with a thirty-one-day month or equipped with one, two or three teeth for months comprising thirty, twenty-nine or twenty-eight days, respectively,

a months star mounted coaxial to and rotating as one with the months wheel, defining branches each one corresponding to one of the sectors,

an intermediate runner driven by the teeth of the months wheel, itself meshing with the second disk of the clutch runner, and

means for causing the months wheel and the months star to rotate in such a way that, at the start of each month, one of the sectors that corresponds to the following month lies facing the runner and, if it comprises at least one tooth, it drives the runner as the date moves on to the next month.

22. (New) The calendar corrector of claim 21, wherein the means for causing the months wheel and the months star to rotate comprises:

a second thirty-one wheel identical to the first thirty-one wheel and meshing with it, and

a finger mounted on this wheel and intended to collaborate with the months star.

23. (New) The calendar corrector of claim 19, wherein the automatic control comprises:

a months wheel divided into sectors each corresponding to one month of the year, these sectors being either devoid of teeth if they are identified with a thirty-one-day month or equipped with one, two or three teeth for months comprising thirty, twenty-nine or twenty-eight days, respectively,

a months star mounted coaxial to and rotating as one with the months wheel, defining branches each one corresponding to one of the sectors,

an intermediate runner driven by the teeth of the months wheel, itself meshing with the second disk of the clutch runner, and

means for causing the months wheel and the months star to rotate in such a way that, at the start of each month, one of the sectors that corresponds to the following

month lies facing the runner and, if it comprises at least one tooth, it drives the runner as the date moves on to the next month.

24. (New) The calendar corrector of claim 23, wherein the means for causing the months wheel and the months star to rotate comprises:

a second thirty-one wheel identical to the first thirty-one wheel and meshing with it, and

a finger mounted on this wheel and intended to collaborate with the months star.

25. (New) The calendar corrector of claim 20, wherein the automatic control comprises:

a months wheel divided into sectors each corresponding to one month of the year, these sectors being either devoid of teeth if they are identified with a thirty-one-day month or equipped with one, two or three teeth for months comprising thirty, twenty-nine or twenty-eight days, respectively,

a months star mounted coaxial to and rotating as one with the months wheel, defining branches each one corresponding to one of the sectors,

an intermediate runner driven by the teeth of the months wheel, itself meshing with the second disk of the clutch runner, and

means for causing the months wheel and the months star to rotate in such a way that, at the start of each month, one of the sectors that corresponds to the following month lies facing the runner and, if it comprises at least one tooth, it drives the runner as the date moves on to the next month.

26. (New) The calendar corrector of claim 25, wherein the means for causing the months wheel and the months star to rotate comprises:

a second thirty-one wheel identical to the first thirty-one wheel and meshing with it, and

a finger mounted on this wheel and intended to collaborate with the months star.

27. (New) The calendar corrector of claim 18, further comprising an indicator system collaborating with the second disk of the clutch runner in order to display the number of days in the month in progress for which correction is programmed.

28. (New) The calendar corrector of claim 19, further comprising an indicator system collaborating with the second disk of the clutch runner in order to display the number of days in the month in progress for which correction is programmed.

29. (New) The calendar corrector of claim 20, further comprising an indicator system collaborating with the second disk of the clutch runner in order to display the number of days in the month in progress for which correction is programmed.

30. (New) The calendar corrector of claim 20, wherein the end of the first arm of the second lever exhibits a boss and the second disk of the clutch runner is provided with a block intended to push the boss when the disk rotates excessively, so as to cause the lever to pivot and allow the spring to return to its rest position.